

Exhibit B [Amendment Under 37 C.F.R. § 1.115 (In Response To The
November 26, 2004 Office Action) -- May 25, 2005]

EXHIBIT B

Enz-7(P)(C3)

NO. 5421 P. 108

MAY 25, 2005 7:11PM ENZO BIOCHEM

Page 1 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3144	addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon" deletion of "directly or indirectly" addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)" deletion of "wherein when said nucleic acid...fixed <i>in situ</i> to said non-porous solid support"	Previously presented Claim 3150.
3145	addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon" addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)" addition of "at least one" addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety" deletion of "comprises at least one...fixed <i>in situ</i> to said non-porous solid support"	<i>Ibid.</i> See also page 2, line 29 to page 3, line 2; page 5, lines 27-33; page 6, lines 13-15; page 10, lines 2-22; page 10, line 31 to page 11, line 1; page 11, lines 5-10; page 14, lines 13-16 and lines 29-33; Examples 1 and 6; and claims 1, 5, 20 and 23-25 as originally filed.
3146	This claim now depends from claims 3144, 3145, "3287, 3324 and 3325"	See e.g., page 10, lines 17-22 and page 22, lines 34-36.

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Page 2 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. 51.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3147	<p>This claim now depends from claims 3144, 3145, "3287, 3324 and 3325"</p> <p>addition of "or plates," "a depression or," "a tube or," "a cuvette or" and "or a bead"</p> <p>deletion of "or a set of said plates, wells, depressions, tubes, cuvettes or beads"</p>	<p>See e.g., the paragraph bridging pages 13 and 14; page 14, lines 19-20; page 16, lines 10-11; Examples 1-3 and 5-7; and claims 17 and 21 as originally filed.</p>
3150	<p>This claim now depends from claim "3287 or 3325"</p> <p>deletion of "wherein said reactive sites or binding sites comprise hydroxyls or epoxides"</p>	<p>See e.g., Examples 1, 5 and 6.</p>
3151	This claim now depends from claims 3144, 3145, "3287, 3324 or 3325"	<p>See e.g., Examples 1-6.</p>
3154	This claim now depends from claims 3144, 3145, "3287, 3324 or 3325"	<p>See e.g., page 10, lines 6-16 and 26-30 and Examples 1-7.</p>
3155	This claim now depends from claims 3144, 3145, "3287, 3324 or 3325"	<p><i>ibid.</i></p>
3157	<p>This claim now depends from claims 3145, "3287 or 3325"</p> <p>addition of "at least one"</p> <p>deletion of "indirectly"</p> <p>deletion of "by sandwich hybridization or by hybridization to a complementary nucleic acid"</p> <p>addition of "and the other" strand "of said at least one double-stranded nucleic acid is hybridized to said one strand"</p>	<p>See e.g., page 10, lines 31-34; page 11, lines 5-10 and page 14, lines 26-33.</p>

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Page 3 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3158	This claim now depends from claims 3144 "or 3324" deletion of "comprises RNA" addition of "is" DNA	See e.g., the paragraph bridging pages 1 and 2; page 9, lines 16-24 and page 10, lines 6-22.
3159	This claim now depends from claims 3145, "3287 or 3325" deletion of "comprises RNA or both" addition of "is" DNA	<i>ibid.</i>
3161	This claim now depends from claims 3145 "or 3287" addition of "at least one"	See e.g., abstract and page 9, lines 16-24.
3162	This claim now depends from claims 3144 "or 3324"	See e.g., page 10, lines 6-12 and 31-34; page 11, lines 5-10 and page 14, lines 26-33.
3163	This claim now depends from claims 3144, 3145, "3287, 3324 or 3325"	See e.g., page 10, lines 17-22; page 14, lines 33-34 and claim 6 as originally filed.
3164	This claim now depends from claims 3145 "or 3287" deletion of "non-radioactive chemical label" deletion of "label or labels" addition of "non-radioactive signaling moiety"	See e.g., page 4, last full paragraph; page 7, lines 18-22; page 11, lines 10-21; page 14, lines 13-19 and claims 3-4 as originally filed.

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Page 4 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3165	<p>This claim now depends from claims 3145 "or claim 3287"</p> <p>deletion of "non-radioactive chemical label"</p> <p>addition of "non-radioactive signaling moiety"</p> <p>deletion of "in or through" said non-porous support</p> <p>addition of "from" said non-porous solid support</p> <p>deletion of "label or labels"</p>	<p>See e.g., page 10, lines 17-22; page 14, lines 33-34 and claim 6 as originally filed.</p> <p>See also page 4, last full paragraph; page 7, lines 18-22; page 11, lines 10-21; page 14, lines 13-19 and claims 3-4 as originally filed.</p>
3166	<p>This claim now depends from claims 3145, "3287 or 3325"</p> <p>deletion of "non-radioactive chemical label"</p> <p>addition of "non-radioactive signaling moiety"</p> <p>deletion of "a colored dye...a ligand"</p>	<p>See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed.</p> <p>See also page 11, lines 24-33 and Table 1.</p>

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Page 5 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3167	<p>This claim now depends from claims 3145, "3287 or 3325"</p> <p>deletion of "non-radioactive chemical label"</p> <p>addition of "non-radioactive signaling moiety"</p> <p>deletion of "spectrophotometric...chemiluminescent techniques"</p>	<p>See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed.</p> <p>See also page 11, lines 16-21.</p>
3168	This claim now depends from claims 3144 "or 3324"	See e.g., the paragraph bridging pages 1 and 2 and page 9, lines 16-24.
3169	This claim now depend from claims 3145, "3287 or 3325"	<i>ibid.</i>
3172	<p>addition of "which comprises one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>deletion of "directly or indirectly"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>deletion of "wherein when said nucleic acid...fixed <i>in situ</i> to said non-porous solid support"</p>	Previously presented Claim 3178.

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Page 6 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3173	<p>addition of "which comprises one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety"</p> <p>deletion of "comprises at least one...fixed <i>in situ</i> to said non-porous solid support"</p>	<p><i>ibid.</i></p> <p>See also page 2, line 29 to page 3, line 2; page 5, lines 27-33; page 6, lines 13-15; page 10, lines 2-22; page 10, line 31 to page 11, line 1; page 11, lines 5-10; page 14, lines 13-16 and lines 29-33; Examples 1 and 6; and claims 1, 5, 20 and 23-25 as originally filed.</p>
3174	This claims now depends from 3172, 3173, "3279, 3280, 3281 or 3282"	See e.g., page 10, lines 17-22 and page 22, lines 34-36.
3175	<p>This claim now depends from 3172, 3173, "3279, 3280, 3281 or 3282"</p> <p>addition of "or plates," "a depression or," "a tube or," "a cuvette or" and "or a bead"</p> <p>deletion of "or a set of said plates, wells, depressions, tubes, cuvettes or beads"</p>	See e.g., the paragraph bridging pages 13 and 14; page 14, lines 19-20; page 16, lines 10-11; Examples 1-3 and 5-7; and claims 17 and 21 as originally filed.
3179	This claims now depends from 3172, 3173, "3279, 3280, 3281 or 3282"	See e.g., Examples 1-6.
3182	<p>This claims now depends from 3172, 3173, "3279, 3280, 3281 or 3282"</p> <p>deletion of "direct or indirect"</p>	See e.g., page 10, lines 6-16 and 26-30 and Examples 1-7.

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Page 7 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3183	This claims now depends from 3172, 3173, "3279, 3280, 3281 or 3282" deletion of "direct or indirect"	<i>ibid.</i>
3185	This claim now depends from claims 3173, "3281 or 3282" deletion of "indirectly" deletion of "by sandwich hybridization or by hybridization to a complementary nucleic acid" addition of "and the other" strand "of said at least one double-stranded nucleic acid is hybridized to said one strand"	See e.g., page 10, lines 31-34; page 11, lines 5-10 and page 14, lines 26-33.
3186	This claim now depends from claims 3172 "or 3280" deletion of "comprises RNA" addition of "is" DNA	See e.g., the paragraph bridging pages 1 and 2; page 9, lines 16-24 and page 10, lines 6-22.
3187	This claim now depends from claims 3173, "3281 or 3282" deletion of "comprises RNA or both" addition of "is" DNA	<i>ibid.</i>
3189	This claim now depends from claims 3173 "or 3288" addition of "at least one"	See e.g., abstract and page 9, lines 16-24.
3191	This claim now depends from claims 3172, 3173, "3279, 3280, 3281 or 3282"	See e.g., page 10, lines 17-22, page 14, lines 33-34 and claim 6 as originally filed.

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Page 8 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3192	<p>This claim now depends from claims 3173 or "3288"</p> <p>deletion of "non-radioactive chemical label"</p> <p>deletion of "label or labels"</p> <p>addition of "non-radioactive signaling moiety"</p>	See e.g., page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.
3193	<p>This claim now depends from claims 3173 "or 3288"</p> <p>deletion of "non-radioactive chemical label"</p> <p>addition of "non-radioactive signaling moiety"</p> <p>deletion of "in or through" said non-porous support</p> <p>addition of "from" said non-porous solid support</p> <p>deletion of "label or labels"</p>	See e.g., page 10, lines 17-22, page 14, lines 33-34 and claim 6 as originally filed. See also page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.

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Page 9 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3194	<p>This claim now depends from claims 3173, "3281 or 3282"</p> <p>deletion of "non-radioactive chemical label"</p> <p>addition of "non-radioactive signaling moiety"</p> <p>deletion of "a colored dye...a ligand"</p>	<p>See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed.</p> <p>See also page 11, lines 24-33 and Table 1.</p>
3195	<p>This claim now depends from claims 3173, "3281 or 3282"</p> <p>deletion of "non-radioactive chemical label"</p> <p>addition of "non-radioactive signaling moiety"</p> <p>deletion of "spectrophotometric...chemiluminescent techniques"</p>	<p>See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed.</p> <p>See also page 11, lines 16-21.</p>
3197	This claim now depends from claims 3173, "3281 or 3283"	See e.g., the paragraph bridging pages 1 and 2 and page 9, lines 16-24.
3198	<p>deletion of "directly or indirectly"</p> <p>deletion of "wherein when said nucleic acids...fixed <i>in situ</i> to said non-porous solid support"</p>	Previously presented claim 3198.

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Page 10 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3199	deletion of "directly or indirectly" deletion of "chemical label" deletion of "and wherein when said nucleic acids... fixed <i>in situ</i> to said non-porous solid support" addition of "signaling moiety"	See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed.
3200	This claim now depends from claims 3198, 3199, "3300, 3301, 3326 or 3327"	See e.g., page 10, lines 17-22 and page 22, lines 34-36.
3201	This claim now depends from claims 3198, 3199, "3300, 3301, 3326 or 3327" addition of "or plates," "a depression or," "a tube or," "a cuvette or" and "or a bead" deletion of "or a set of said plates, wells, depressions, tubes, cuvettes or beads"	See e.g., the paragraph bridging pages 13 and 14; page 14, lines 19-20; page 16, lines 10-11; Examples 1-3 and 5-7; and claims 17 and 21.
3204	This claim now depends from claims "3198, 3199, 3300, 3301, 3326 or 3327" deletion of "wherein said reactive sites....epoxides"	See e.g., Examples 1, 5 and 6.
3205	This claim now depends from claims 3198, 3199, "3300, 3301, 3326 or 3327"	See e.g., Examples 1-6.
3208	This claim now depends from claims 3198, 3199, "3300, 3301, 3326 or 3327" deletion of "direct or indirect"	See e.g., page 10, lines 6-16 and 26-30 and Examples 1-7.

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Page 11 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3209	This claim now depends from claims 3198, 3199, "3300, 3301, 3326 or 3327" deletion of "direct or indirect"	<i>ibid.</i>
3211	This claim now depends from claims 3199 "or 3301" deletion of "one strand" addition of "the first strands" deletion of "or sequences" deletion of "indirectly" deletion of "by sandwich hybridization or by hybridization to complementary" addition of "and the other" nucleic acid strands "of said double-stranded nucleic acids are hybridized to said first strands"	See e.g., page 10, lines 31-34; page 11, lines 5-10 and page 14, lines 26-33.
3212	This claim now depends from claims 3198 "or 3300" deletion of "comprise RNA" addition of "is" DNA	See e.g., the paragraph bridging pages 1 and 2; page 9, lines 16-24 and page 10, lines 6-22.
3213	This claim now depends from claims 3199 "or 3301" deletion of "comprise RNA or both" addition of "is" DNA	<i>ibid.</i>
3214	This claim now depends from claims 3198 "or 3289"	See e.g., abstract and page 9, lines 16.

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Page 12 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3215	This claim now depends from claims 3199 "or 3290"	<i>ibid.</i>
3216	This claim now depends from claims 3198 "or 3300"	See e.g., page 10, lines 6-12 and 31-34; page 11, lines 5-10 and page 14, lines 26-33.
3217	This claim now depends from claims 3198, 3199, "3300, 3301, 3326 or 3327"	See e.g., page 10, lines 17-22, page 14, lines 33-34 and claim 6 as originally filed.
3218	This claim now depends from claims 3199 "3290" deletion of "chemical label" addition of "signaling moiety"	See e.g., page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.
3219	This claim now depends from claims 3199 "or 3290" deletion of "chemical label" addition of "signaling moiety" deletion of "in or through" said non-porous support addition of "from" said non-porous solid support deletion of "label or labels" addition of "non-radioactive signaling moiety"	See e.g., page 10, lines 17-22, page 14, lines 33-34 and claim 6 as originally filed. See also page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.

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Page 13 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3220	This claim now depends from claims 3199, "3301, 3326 or 3327" deletion of "chemical label" addition of "signaling moiety" deletion of "a colored dye...a ligand"	See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed. See also page 11, lines 24-33 and Table 1.
3221	This claim now depends from claims 3199, "3301, 3326 or 3327" deletion of "chemical label" addition of "signaling moiety" deletion of "spectrophotometric...chemiluminescent techniques"	See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed. See also page 11, lines 16-21.
3222	deletion of "directly or indirectly" deletion of "wherein when said nucleic acids...fixed <i>in situ</i> to said non-porous solid support"	Previously presented claim 3222.
3223	deletion of "directly or indirectly" addition of "each of" deletion of "chemical label" addition of "signaling moiety" deletion of "and wherein when said nucleic acids...fixed <i>in situ</i> to said non-porous solid support"	See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed.

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Page 14 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3224	pluralization of "claims"	Previously presented claim 3224.
3227	This claim now depends from claims "3222 or 3223" deletion of "wherein said reactive sites...epoxides"	See e.g., Examples 1, 5 and 6.
3228	pluralization of "claims"	Previously presented claim 3228.
3231	deletion of "direct or indirect"	Previously presented claim 3231.
3232	deletion of "direct or indirect"	Previously presented claim 3232.
3234	deletion of "one strand" addition of "the first strands" deletion of "indirectly" deletion of "by sandwich hybridization or by hybridization to complementary" addition of "and the other" nucleic acid strands "of said double-stranded nucleic acids are hybridized to said first strands"	See e.g., page 10, lines 31-34; page 11, lines 5-10 and page 14, lines 26-33.
3235	deletion of "comprise DNA or RNA" addition of "are" DNA	See e.g., the paragraph bridging pages 1 and 2; page 9, lines 16-24 and page 10, lines 6-22.
3236	deletion of "comprise DNA, RNA or both" addition of "are" DNA	<i>ibid.</i>

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Page 15 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3237	deletion of "nucleic acid sequences complementary to nucleic acid sequences of interest sought to be identified, quantified or sequenced" addition of "a gene sequence or pathogen sequence"	See e.g., the paragraph bridging pages 1 and 2.
3238	deletion of "a nucleic acid sequence interest sought to be identified, quantified or sequenced" addition of "a gene sequence or pathogen sequence"	<i>Ibid.</i>
3241	pluralization of "claims"	Previously presented claim 3241.
3242	deletion of "chemical label" addition of "signaling moiety" deletion of "label or labels" addition of "non-radioactive signaling moiety"	See e.g., page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.

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Page 16 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3243	deletion of "chemical label" addition of "signaling moiety" deletion of "in or through" said non-porous support addition of "from" said non-porous solid support deletion of "label or labels" addition of "non-radioactive signaling moiety"	See e.g., page 10, lines 17-22, page 14, lines 33-34 and claim 6 as originally filed. See also page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.
3244	deletion of "chemical label" addition of "signaling moiety" deletion of "a colored dye...a ligand"	See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed. See also page 11, lines 24-33 and Table 1.
3245	deletion of "chemical label" addition of "signaling moiety" deletion of "spectrophotometric...chemiluminescent techniques"	See e.g., page 7, lines 18-22; page 14, lines 13-19 and claims 3-4 as originally filed. See also page 11, lines 16-21.

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Page 17 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3246	addition of "non-porous" addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon" deletion of "directly or indirectly" addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)" deletion of "wherein said single stranded...fixed <i>in situ</i> to said non-porous glass or plastic solid support"	Previously presented in Claim 3251. See also page 10, lines 17-22 and page 22, lines 34-36.
3247	addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon" deletion of "directly or indirectly" addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)" addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety" deletion of "comprises at least one...fixed <i>in situ</i> to said non-porous glass or plastic solid support"	<i>ibid.</i> See also page 2, line 29 to page 3, line 2; page 5, lines 27-33; page 6, lines 13-15; page 10, lines 2-22; page 10, line 31 to page 11, line 1; page 11, lines 5-10; page 14, lines 13-16 and lines 29-33; Examples 1 and 6; and claims 1, 5, 20 and 23-25 as originally filed.

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Page 18 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3248	addition of "non-porous" addition of "or plates," "a depression or," "a tube or," "a cuvette or" and "or a bead" deletion of "or a set of said plates, wells, depressions, tubes, cuvettes or beads"	See e.g., page 10, lines 17-22 and page 22, lines 34-36. See also the paragraph bridging pages 13 and 14; page 14, lines 19-20; page 16, lines 10-11; Examples 1-3 and 5-7; and claims 17 and 21.
3252	addition of "non-porous"	See e.g., page 10, lines 17-22 and page 22, lines 34-36.
3253	addition of "non-porous"	<i>ibid.</i>
3254	addition of "non-porous"	<i>ibid.</i>
3255	addition of "non-porous" deletion of "direct or indirect" addition of "glass or non-porous"	<i>ibid.</i>
3256	addition of "non-porous" deletion of "direct or indirect" addition of "glass or non-porous"	<i>ibid.</i>
3258	addition of "non-porous" addition of "or sequence"	<i>ibid.</i>
3259	addition of "non-porous" deletion of "or sequence comprises" deletion of "or RNA" addition of "is" DNA	<i>ibid.</i> See also the paragraph bridging pages 1 and 2; page 9, lines 16-24 and page 10, lines 6-22.

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Page 19 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3260	addition of "non-porous" deletion of "or sequence comprises" deletion of "RNA or both" addition of "is" DNA	See e.g., page 10, lines 17-22 and page 22, lines 34-36. See also the paragraph bridging pages 1 and 2; page 9, lines 16-24 and page 10, lines 6-22.
3261	addition of "non-porous"	See e.g., page 10, lines 17-22 and page 22, lines 34-36.
3262	addition of "non-porous" addition of "at least one"	<i>ibid.</i>
3263	addition of "non-porous"	<i>ibid.</i>
3264	addition of "non-porous"	<i>ibid.</i>
3265	addition of "non-porous" deletion of "chemical label" addition of "signaling moiety"	See e.g., page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.

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Page 20 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3266	addition of "non-porous" deletion of "chemical label" addition of "signaling moiety" deletion of "in or through" said non-porous support addition of "from" said non-porous solid support deletion of "label or labels" addition of "non-radioactive signaling moiety"	See e.g., page 10, lines 17-22, page 14, lines 33-34 and claim 6 as originally filed. See also page 4, last full paragraph, page 7, lines 18-22, page 11, lines 10-21, page 14, lines 13-19 and claims 3-4 as originally filed.
3267	addition of "non-porous" deletion of "directly or indirectly"	See e.g., page 10, lines 17-22 and page 22, lines 34-36.
3268	addition of "non-porous" deletion of "directly or indirectly"	<i>ibid.</i>
3271	addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon" deletion of "directly or indirectly" addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)" deletion of "wherein when said nucleic acid...fixed <i>in situ</i> to said non-porous solid support"	See e.g., Examples 1-7.

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Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3272	<p>addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>deletion of "directly or indirectly"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>deletion of "wherein when said nucleic acid...fixed <i>in situ</i> to said non-porous solid support"</p>	<i>ibid.</i>
3273	<p>addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>deletion of "directly or indirectly"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>deletion of "comprises at least one...fixed <i>in situ</i> to said non-porous solid support"</p>	<i>ibid.</i>
3274	<p>addition of "one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>deletion of "directly or indirectly"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>deletion of "wherein when said nucleic acid...fixed <i>in situ</i> to said non-porous solid support"</p>	<i>ibid.</i>

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Page 22 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3275	<p>addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety"</p> <p>deletion of "comprises at least...or detectable"</p>	<p>See e.g., page 2, line 29 to page 3, line 2; page 5, lines 27-33; page 6, lines 13-15; page 10, lines 2-22; page 10, line 31 to page 11, line 1; page 11, lines 5-10; page 14, lines 13-16 and lines 29-33; Examples 1 and 6; and claims 1, 5, 20 and 23-25 as originally filed.</p>
3276	<p>addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety"</p> <p>deletion of "comprises at least...or detectable"</p>	<i>ibid.</i>
3277	pluralization of "claims"	Previously presented in claim 3277.
3279	<p>addition of "which comprises one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>deletion of "directly or indirectly"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>deletion of "wherein when said DNA...fixed <i>in situ</i> to said non-porous solid support"</p>	<p>See e.g., Examples 1-7.</p>

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Page 23 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. § 1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3280	<p>addition of "which comprises one or more amine(s), hydroxyl(s) or epoxide(s) thereon"</p> <p>deletion of "directly or indirectly"</p> <p>addition of "to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s)"</p> <p>deletion of "wherein when said nucleic acid...fixed <i>in situ</i> to said non-porous solid support"</p>	<i>ibid.</i>
3281	<p>addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety"</p> <p>deletion of "comprises at least...or detectable"</p> <p>deletion of "when said nucleic acid is indirectly fixed or immobilized to said non-porous solid support"</p> <p>deletion of "indirect"</p>	See e.g., page 2, line 29 to page 3, line 2; page 5, lines 27-33; page 6, lines 13-15; page 10, lines 2-22; page 10, line 31 to page 11, line 1; page 11, lines 5-10; page 14, lines 13-16 and lines 29-33; Examples 1 and 6; and claims 1, 5, 20 and 23-25 as originally filed.

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Page 24 [Exhibit B To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

Claim No.	Description of Changes	Support in Specification/ Previous Claim Correspondence
3282	<p>addition of "has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety"</p> <p>deletion of "comprises at least...or detectable"</p> <p>deletion of "when said nucleic acid is indirectly fixed or immobilized to said non-porous solid support"</p> <p>deletion of "indirect"</p>	<i>ibid.</i>
3283	pluralization of "claims"	Previously presented claim 3283.

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